

5/A
8/14/01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shinichi Yoshimura, et al.
Appl. No.: PCT/JP01/03041
Filed: 9 April 2001
Title: PICTURE PROCESSING APPARATUS AND
PHOTOGRAPHIC DEVICE

Art Unit:
Examiner:
Docket No.: 113278-007

Assistant Commissioner for Patents
Washington, DC 20231

PRELIMINARY AMENDMENT

Sir:

Please amend the above-identified patent application as follows:

In the Specification:

Please replace the Specification of the present application, including the Abstract, with the following Substitute Specification:

SPECIFICATION

TITLE OF THE INVENTION

PICTURE PROCESSING APPARATUS AND PHOTOGRAPHING DEVICE

BACKGROUND OF THE INVENTION

The present invention generally relates to a picture processing apparatus for processing a picture photographed by a photographing device. More specifically, the present invention relates to a picture processing apparatus with a photographing device and a storing portion disposed on the same circuit thereby accelerating a calculating process, and to a picture processing apparatus for suppressing characteristics of the storing portion from fluctuating even if a temporal change in brightness of an object is diminutive, thereby ensuring an accurate calculation output.

With a picture of an object photographed as a first frame and a picture of the object photographed as a second frame, the temporal change in brightness of the object can be obtained.

Conventionally, when the difference between pictures is obtained, a camera that is equipped with a photographing device such as a CCD (Charge Coupled Device), a plurality of frame memories, and a calculating apparatus are prepared and connected. In other words, picture